

ITEM	QTY -041	P/N	DESCRIPTION
	X	D5350-041	R66 FWD BEAM ASSEMBLY
1	2	D2690-11	LANYARD ASSEMBLY
2	1	D5205-1	BRACKET
3	4	D5346-3	BUSHING
4	2	D5347-041	MOUNTING BRACKET ASSY
5	1	D5350-1	R66 FWD BEAM
6	2	AN3-14A	BOLT
7	2	AN416-1	PIN, RETAINING
8	4	AN5-14A	BOLT
9	2	MS20392-3R41	PIN
10	2	MS21042L3	NUT, SELF-LOCKING
11	4	MS21042L5	NUT, SELF-LOCKING
12	4	NAS1149D0316J	WASHER
13	8	NAS1149D0516J	WASHER
14	2	NAS1149F0463P	WASHER

D5350-041 R66 FWD BEAM ASSEMBLY

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
- 7) WEIGHT: 6.8 lbs
- 8) PRESS FIT D5346-3 INTO D5350-1
- 9) TORQUE MS21042L3 NUTS TO 20-25 in-lb (2.3-2.8 N-m)
TORQUE MS21042L5 NUTS TO 100-140 in-lb (11.3-15.8 N-m)
- 10) ASSEMBLE D2690-11 WITH AN416-1 AS SHOWN

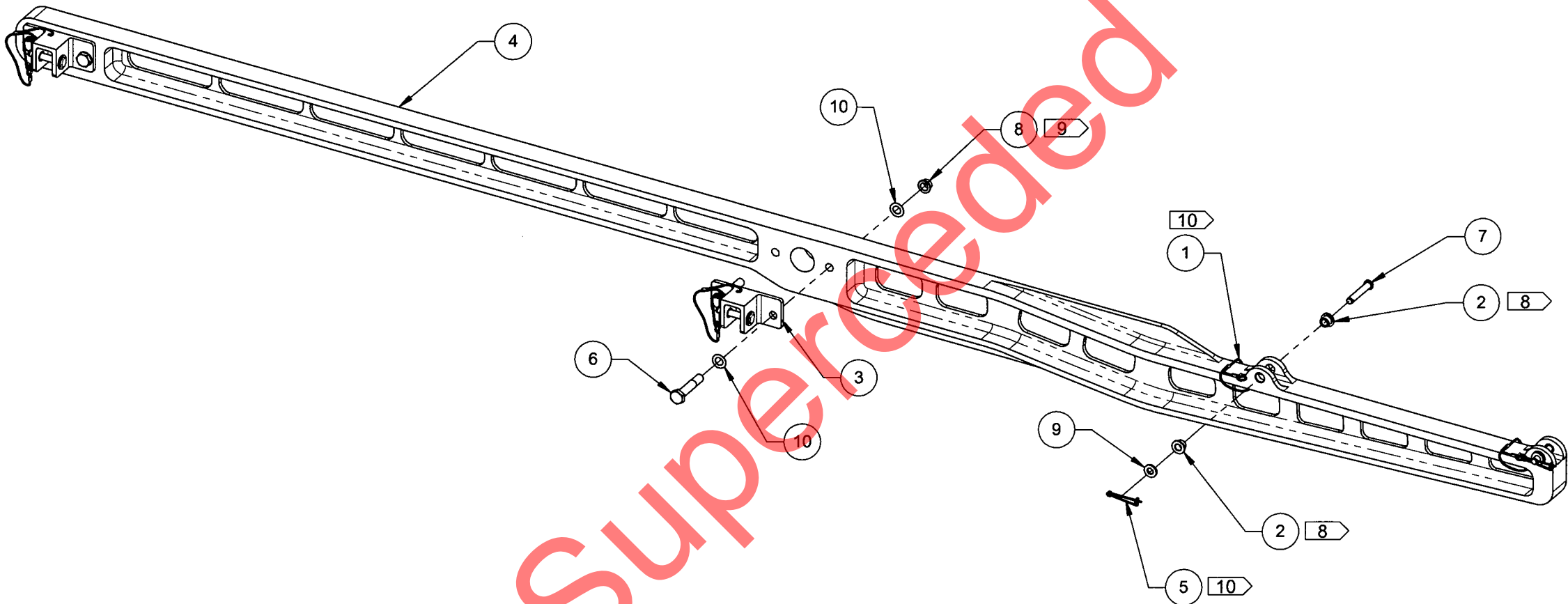
A	NEW ISSUE		RF	15.08.10
REV.	DESCRIPTION		BY	DATE
DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
DRAWN	RF			
CHECKED	AK	DRAWING NO. D5350		REV. A
MFG. APPR.	JFS			SHEET 1 OF 6
APPROVED	HS	TITLE R66 BEAM ASSEMBLY		SCALE NTS
DE APPR.	DS			
DATE	15.08.10			

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RELEASED
2016-01-21
ECN 16-50P

APPROVED

ITEM	QTY -043	P/N	DESCRIPTION
	X	D5350-043	R66 AFT BEAM ASSEMBLY
1	2	D2690-11	LANYARD ASSEMBLY
2	4	D5346-3	BUSHING
3	2	D5347-041	MOUNTING BRACKET ASSY
4	1	D5350-3	R66 AFT BEAM
5	2	AN416-1	PIN, RETAINING
6	4	AN5-14A	BOLT
7	2	MS20392-3R41	PIN
8	4	MS21042L5	NUT, SELF-LOCKING
9	2	NAS1149F0463P	WASHER
10	8	NAS1149D0516J	WASHER



D5350-043 R66 AFT BEAM ASSEMBLY

- NOTES:
- 1) MATERIAL: N/A
 - 2) FINISH: N/A
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
 - 7) WEIGHT: 6.6 lbs
 - 8) PRESS FIT D5346-3 INTO D5350-3
 - 9) TORQUE MS21042L5 NUTS TO 100-140 in-lb (11.3-15.8 N-m)
 - 10) ASSEMBLE D2690-11 WITH AN416-1 AS SHOWN

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	AK	DRAWING NO. D5350	REV. A
MFG. APPR.	JFS		SHEET 2 OF 6
APPROVED	HS	TITLE R66 BEAM ASSEMBLY	SCALE NTS
DE APPR.	DS	COPYRIGHT © 2015 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	
DATE	15.08.10		

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2016-01-21

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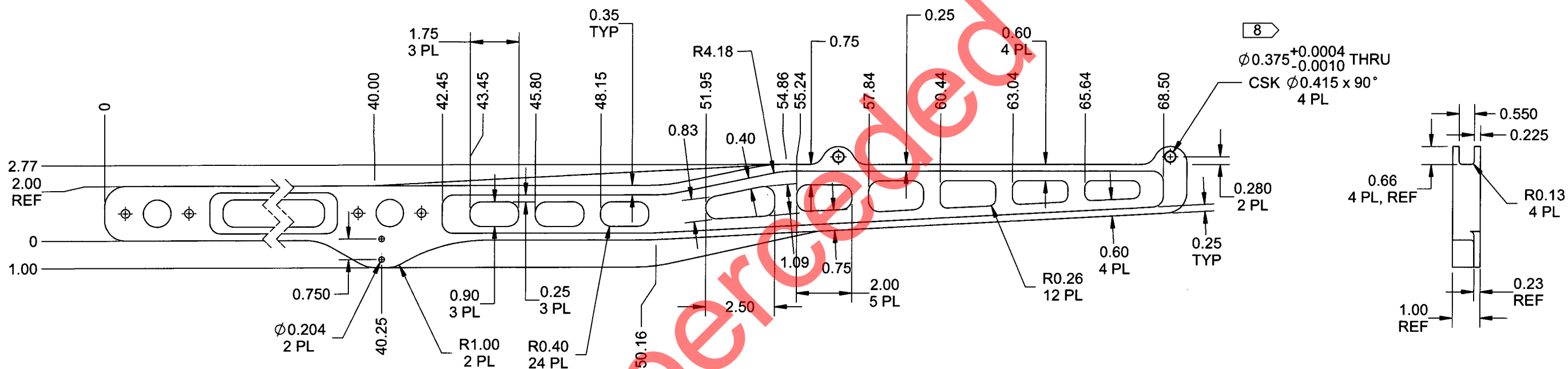
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D

C

B

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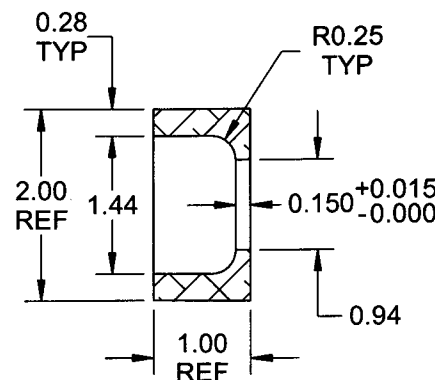
D5350-1 R66 FWD BEAM
AUXILIARY VIEW

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2016-01-21

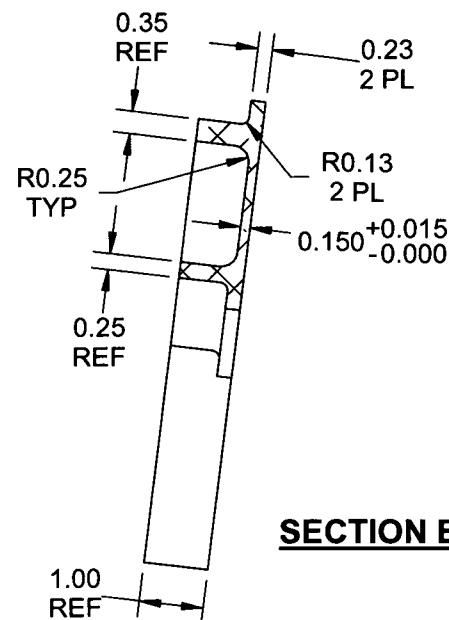
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DRAWN	RF		
CHECKED	AK	DRAWING NO.	REV. A
MFG. APPR.	JFS	D5350	SHEET 4 OF 6
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	R66 BEAM ASSEMBLY	NTS
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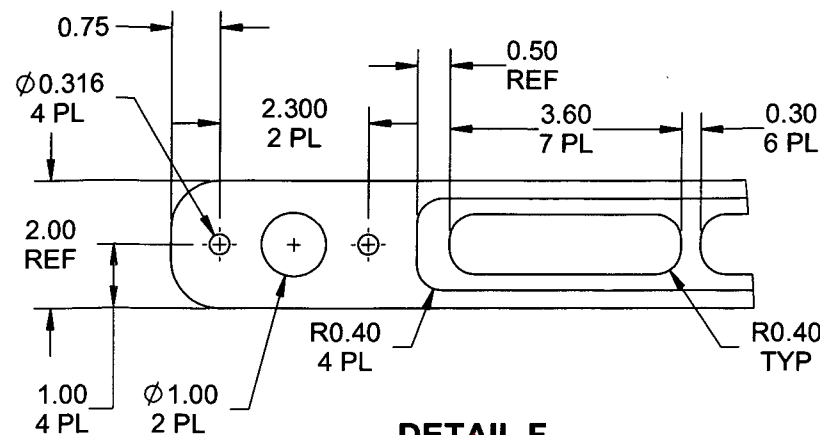
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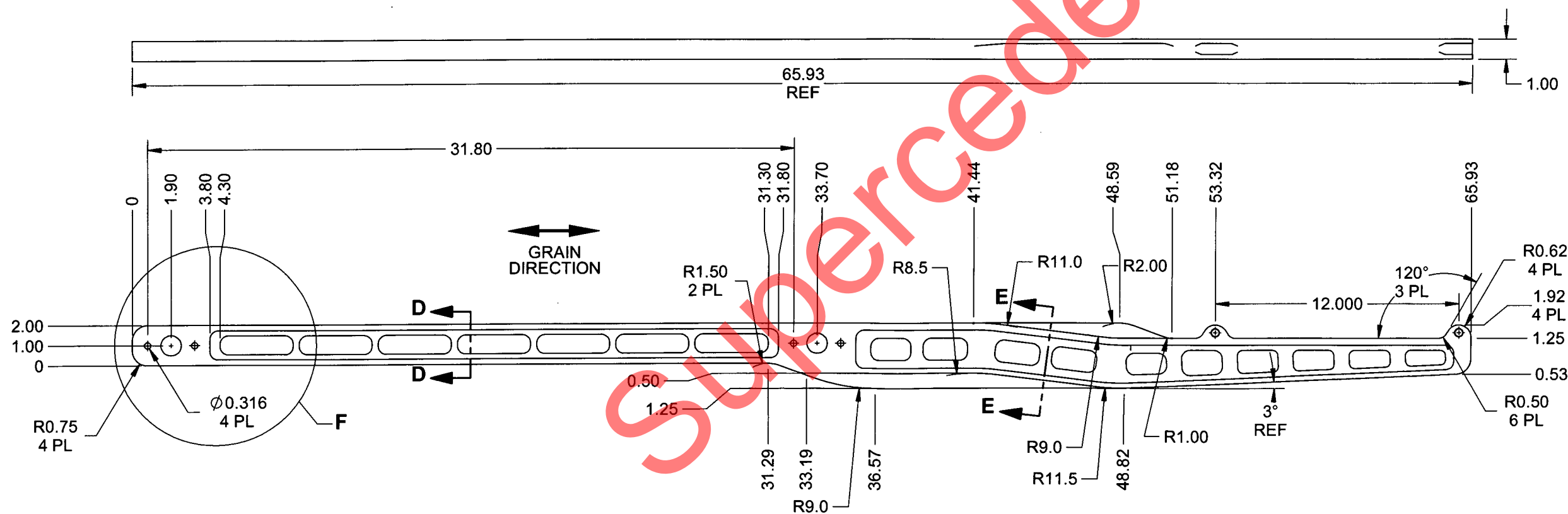
SECTION D-D
7 PL



SECTION E-E



DETAIL F



D5350-3 R66 AFT BEAM

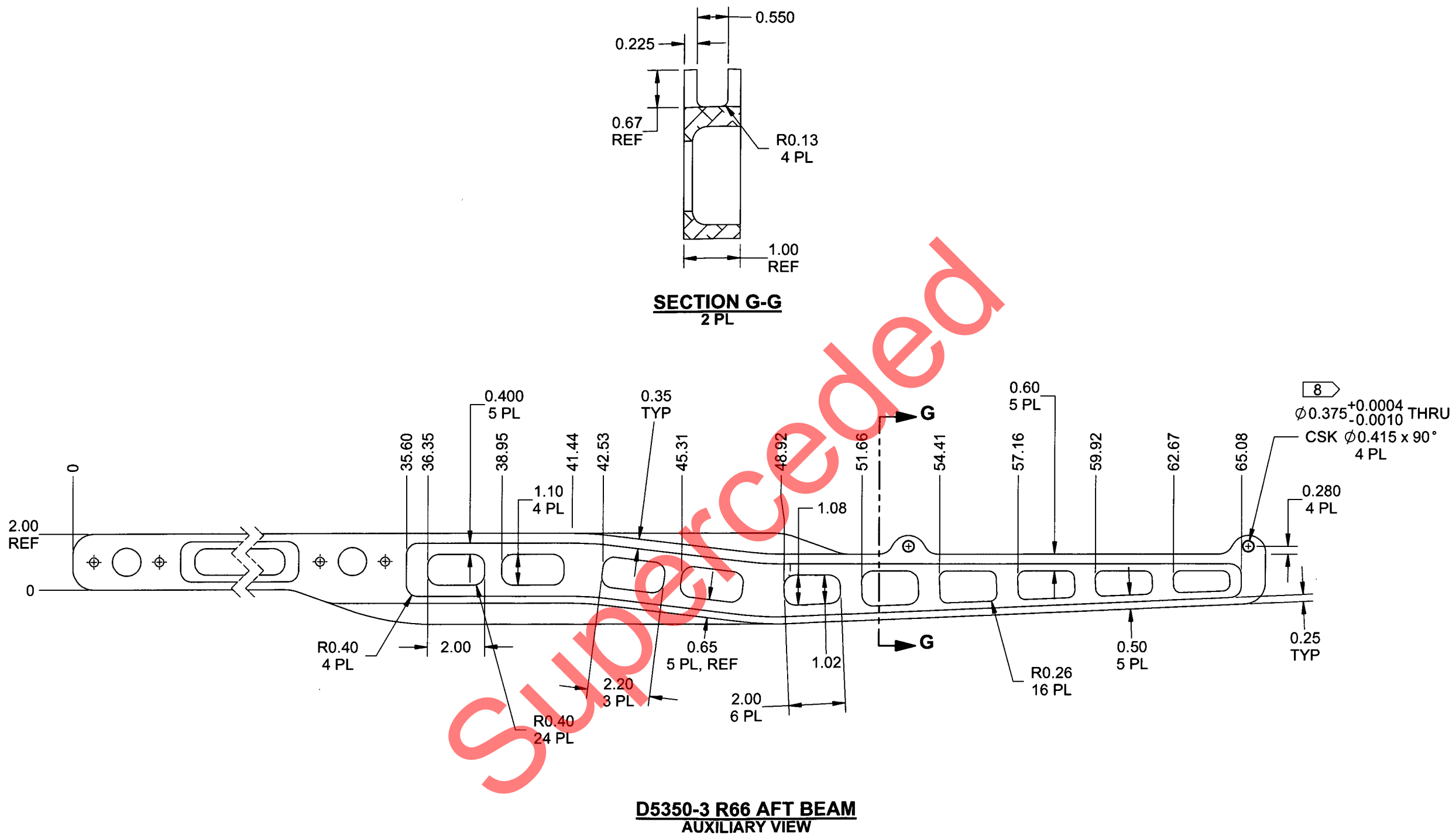
NOTES:

- 1) MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
PER QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221
REF DART SPEC M6061T6B
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT WHITE (4.3.5.1) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 6.03 lbs
- 8) MASK HOLES PRIOR TO POWDER COAT
- 9) UNDEFINED FEATURES CONTROLLED BY CAD FILE D5350-3 Rev. A.SLDPRT

RELEASED
2016 -01- 21

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MFG. APPR.	JFS	D5350	SHEET 5 OF 6
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	R66 BEAM ASSEMBLY	NTS
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RELEASE
2016-01-21

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DRAWN	RF		
CHECKED	AK	DRAWING NO. D5350	REV. A
MFG. APPR.	JFS		SHEET 6 OF 6
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	R66 BEAM ASSEMBLY	NTS
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